FAX

RECEIVED CENTRAL FAX CENTER-

MAR 3 1 2006

ATTN. Maikhanh Nguyen

Fax Number 1 571 273 8300

Phone Number 571 272 4093

FROM Volel Emile, Esq.

Fax Number 512 306 0240

Phone Number 512 306 7969

SUBJECT Response to Non-Compliant Appeal Brief

Number of Pages 53

Date 3/31/2006

MESSAGE

This fax communication contains:

- 1. one copy of a Fax Transmittal Form; and
- 2. three copies of the Response to the Notice of Non-compliant Appeal Brief.

Volel

p.02

If you need assistance in completing the form, call 1-800-PTO-0199 and select option 2.

म्हेत हत

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Brown et al.

Serial No: 09/998,386

Filed: 11/15/2001

Title: APPARATUS AND METHOD : Confirmation No.: 7328 OF HIGHLIGHTING LINKS IN A : WEB PAGE

: Before the Examiner: : Malkhanh Nguyen

: Group Art Unit: 2176

RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIDE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is a Response to a Notice of Non-compliant Appeal Brief dated March 06, 2006.

AUS920010875US1

Page 1 of 17

ह नहें हु हु ह

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006

ार र र र **सके के बाद र**क्षेत्र है र

Reply to Office Action of 03/06/2006

BRIEF FOR APPLICANTS - APPELLANTS

 (Ξ)

Real Party in Interest

The real party in interest is International Business Machines Corporation (IBM), the assignee.

([])

Related Appeals and Interferences

There are no other appeals or interferences known to appellants, appellants' representative or assignee, which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

(:::)

Status of Claims

Claims 1, 3 - 10, 12, 14 - 21, 23, 25 - 32, 34, 36 - 43 and 45 have been finally rejected in an Office Action dated August 16, 2005. All the rejected claims are being appealed.

(IV)

Status of Amendment

No amendment was filled subsequent to the final rejection.

(V)

Summary of Claimed Subject Matter

The present invention, as claimed in independent Claims 1 and 45 (method claims), 12 (a computer program product claim), 23 (an apparatus claim), 34 (a computer

AUS920010875US1

Page 2 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

system claim), allows a user to make links embedded in a Web page clearly recognizable. In accordance with one embodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a command (see page 10, lines 25, to page 11, line 9 and page 11, lines 17 + 23 see also Fig. 4 (i.e., highlight links button 420) and Fig. 6).

In accordance with another embodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a dommand. In this case, the links are highlighted by duplicating the links and displaying the duplicated links in another area (page 11, lines 24 - 27 and Fig. 6).

Note that the step-plus functions of Claims I and 45 and the means-plus functions of Claim 23 are the process steps that occur when a user asserts highlight links button 420 and the processor of the system executes the processes in Figs. 6 and 7.

(VI)

Grounds of Rejection to be Reviewed on Appeal

(1) Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen, and (2) whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

AUS920010875US1

Page 3 of 17

पर र न **लके ने के इ** सकेवान स

Response-to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

(VII)

Arguments

Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen

In considering a Section 102 rejection, all the elements of the claimed invention must be disclosed in a single item of prior art in the form literally defined in the claim. Jamesbury Corp. v. Litton Indus. Products, 756 F.2d 1556, 225 USPQ 253 (Fed. Cir. 1985); Atlas Powder Co. v. Dupont, 750 F.2d 1569, 224 USPQ 409 (Fed. Cir. 1984); American Mospital Supply v. Travenol Labs., 745 F.2d 1, 223 USPQ 577 (Fed. Cir. 1984).

Mielaen purporus no provide a acheme no determine whether or not Web pages represented by links embedded in a displayed document are accessible before a user attempts to access the pages. To do so, Mielsen teaches that access to each Web page represented by an embedded link in a displayed Web document is automatically attempted as soon as the page is displayed. If there is no response within a certain period of time after an access has been attempted, then it is assumed that the Web page is inaccessible. Consequently, the appearance of the link is changed to alert the user that the Web page is inaccessible at the present time. The presumption is that an alerted user will not waste time attempting to access an inaccessible page.

But, Nielsen does not teach, show or suggest the step of highlighting links that are not easily identifiable in a displayed Web document upon user command as claimed.

AUS920010875US1

Page 4 of 17

Appl. No. 09/998,386
Response to Non-Compliant Appeal Brief dated 03/31/2006
Reply to Office Action of 03/06/2006

The Examiner stated that Nielsen discloses such step in the following passage: "when the user selects a particular text link anchor with mouse 44, the browsing system responds by attempting to retrieve the page pointed to by the link anchor in all of the link anchor 202 are shown as underlined text; col. 3, lines 41 - 48" (see first paragraph on page 3 of the Office Action).

As far as Applicants can understand, the quoted passage merely states that when a link is asserted, an attempt is made to access the Web page referred to by the link. This is generally how one accesses a Web page from an embedded link in a displayed document.

The quoted passage further states that links in a displayed web document are displayed as underlined text. This is one of the customary manners of displaying embedded links in a document.

Applicants do not see how the teachings in the quoted passage are going to help a user who has problems identifying links that are embedded in a displayed document from regular underlined passages in the document, for example. By contrast, the present invention allows a user to issue a command and all the embedded links in the document are highlighted allowing the user to distinguish the links from regular underlined passages in the document.

Hence, Applicants submit that the independent claims (i.e., Claims 1, 12, 23, 34 and 45), as well as their dependent claims, which all incorporate the step mentioned above, are not anticloated by Nielsen.

AUS920010875US1

Page 5 of 17

त र न न**के** के के **र नके** र हुई।

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

Notwithstanding the fact that the independent claims are not anticipated by Nielsen, Applicants submit that dependent Claims 9, 10, 20, 21, 31, 32, 42 and 43 are patentable over Nielsen in view of Kimmel et al.

It is well settled that in considering a Section §103 rejection, the subject matter of the claim "as a whole" must be considered and analyzed. In the analysis, it is necessary that the scope and contents of the prior art and differences between the art and the claimed invention be determined. Graham V. John Deere Co., 383 U.S. 1 (1966).

Himmel et al. teach a method for parallel selection of In accordance with the teachings of Himmel et al., URL's. when a Web bage containing embedded links is displayed, a user may select a plurality of these embedded links for concurrent processing. Concurrent processing in this case includes concurrently displaying pages associated with the links plurality. selected in a οſ respective browser windows; concurrently printing pages associated with the selected links; conducrently downloading OΣ pages associated with the selected links.

However, Himmel et al. do not teach the step of duplicating links and displaying the duplicated links in a different area as claimed by the Examiner.

Thus, even if Nielsen were to teach the steps alleged by the Examiner, combining the teachings of Nielsen with those of Himmel et al., would not teach the limitations in Claim 9, for example. Since Claims 20, 31 and 42 include

AUS920010875US1

Page 6 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

the limitations of Claim 9, Applicants submit that they, along with their dependent claims, should be allowable as well.

As the references, neither alone nor in combination, teach, show or suggest the claimed invention, Applicants submit that all the pending claims in the Application are allowable. Hence, Applicants respectfully request allowance and passage to issue of the claims in the application.

Respectfully Submitted

Volel Emile

Aπorney for Applicants Registration No. 39,969

(512) 306-7969

AUS920010875US1

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

ह*े त*∰हे के हे हकी हुन £

(VIII)

Claims Appendix

1. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

displaying the Web document; and

upon user command, highlighting the links.

- 12. Canceled.
- 3. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of having the links flash.
- 4. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links in a different color.
- b. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of displaying the links using a larger font.
- 6. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links using a different font.

AUS920010875US1

Page 8 of 17

TÉÉ E PÉTE C

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

- 7. (Previously presented) The method of Claim I wherein highlighting the links includes the step of emboldening the links.
- 8. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of enlarging the font used to display the links including the links target area.
- 9. (Previously presented) The method of Claim I wherein highlighting the links includes the step of duplicating the links and displaying the duplicated links in a different area.
- 10. (Original) The method of Claim 9 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- 11. Canceled.
- 12. (Previously presented) A computer program product on a computer readable medium for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

code means for displaying the Web document; and

AUS920010875US1

Page 9 of 17

ारहर**्षेत्रे स्ट्रि**हर

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

code means for highlighting the links upon user command.

- 13. Canceled.
- 14. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for having the links flash.
- 15. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links in a different color.
- 16. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links using a larger font.
- 17. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links using a different form.
- 18. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for emboldening the links.
- 10. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes

AUS920010875US1

Page 10 of 17

राज्य र स**क्षेत्र ह एक्के**ड हत्

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

code means for enlarging the font used to display the links including the links' target area.

- 20. (Previously presented) The computer program product of Claim 12 Wherein the highlighting code means includes code means for duplicating the links and displaying the duplicated links in a different area.
- 21. (Original) The computer program product of Claim 20 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger idnt.
- 22. Canceled.
- 23. (Previously presented) An apparatus for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

means for displaying the Web document; and

means for highlighting the links upon user command.

- 24. Canceled.
- 25. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for having the links Flash.

AUS920010875US1

Page 11 of 17

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Fig. Reply to Office Action of 03/06/2006

- 26. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links in a different color.
- 27. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a larger font.
- 28. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a different form.
- 20. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for emboldening the links.
- 30. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for enlarging the font used to display the links including the links target area.
- 31. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for duplicating the links and displaying the duplicated links in a different area.
- 32. (Original) The apparatus of Claim 31 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is

AUS920010875US1

Page 12 of 17

IF E

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

displayed in a different color or is displayed using a different font or a larger font.

- 33. Canceled.
- 34. (Previously presented) A computer system for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:
 - at least one memory device for storing gode data; and
 - at least one processor for processing the code data for displaying the Web document and for highlighting the links upon user command.
- 35. Canceled.
- 36. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes having the links flash.
- 37. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links in a different color.
- 38. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a larger font.

AUS920010875US1

Page 13 of 17

Appl./No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

र र प्रामेक्ट्रिके हे प्रमेश हर ह

- 39. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a different font.
- 40. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes emboldening the links.
- 41. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes enlarging the font used to display the links including the links transportance.
- 42. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes duplicating the links and displaying the duplicated links in a different area.
- 43. (Original) The computer system of Claim 42 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- 44. Canceled.
- 45. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

AUS920010875US1

Page 14 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

cepty to Office Action of 03/00/2000

displaying the Web document in a browser, the Web document having a plurality of links displayed each in a target area;

enabling user command to highlight the links by asserting an icon in the browser, the icon being able to toggle on to highlight the links and to toggle off to de-highlight the links; and

enlarging the plurality of links and the target; areas upon user command to highlight the plurality of the links, the user command including toggling on the icon.

AUS920010875US1

- Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

> (IX) Evidence Appendix

Noce

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 16 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

Related Proceedings Appendix

None.

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 17 of 17

FREE FREE FOR

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: Brown et al.

Serial No: 09/998,386

Filed: 11/15/2001

Title: APPARATUS AND METHOD : Confirmation No.: 7328 OF HIGHLIGHTING LINKS IN A : WEB PAGE

: Before the Examiner: : Malkhanh Nguyen

: Group Art Unit: 2176

RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIDE

Commissioner for Pauenus P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is a Response to a Notice of Non-compliant Appeal Brief dated March 06, 2006.

AUS920010875US1

Appl:/No.209/998;386

T-ALTERDICE

Response to Non-Compliant Appeal Brief dated 03/31/2006
Reply to Office Action of 03/06/2006

BRIEF FOR APPLICANTS - APPELLANTS

 (\Box)

Real Party in Interest

The real party in interest is International Business Machines Corporation (IBM), the assignee.

(II)

Related Appeals and Interferences

There are no other appeals or interferences known to appellants, appellants' representative or assignee, which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

(III)

Status of Claims

Claims 1, 3 - 10, 12, 14 - 21, 23, 25 - 32, 34, 36 - 43 and 45 have been finally rejected in an Office Action dated August 16, 2005. All the rejected claims are being appealed.

(IV)

Status of Amendment

No amendment was filled subsequent to the final rejection.

(V)

Summary of Claimed Subject Matter

The present invention, as claimed in independent Glaims 1 and 45 (method claims), 12 (a computer program product claim), 23 (an apparatus claim), 34 (a computer

AUS920010875US1

Page 2 of 17

Response to-Non-Compliant Appeal Brief dated 03/31/2006 - Reply to Office Action of 03/06/2006

e po a **più più più più** più ci

system claim), allows a user to make links embedded in a Web page clearly recognizable. In accordance with one embodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a command (see page 10, lines 25, to page 11, line 9 and page 11, lines 17 - 23 see also Fig. 4 (i.e., highlight links button 420) and Fig. 6).

In accordance with another lembodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a command. In this case, the links are highlighted by duplicating the links and displaying the duplicated links in another area (page 11, lines 24 - 27 and Fig. 6).

Note that the step-plus functions of Claims I and 45 and the means-plus functions of Claim 23 are the process steps that occur when a user asserts highlight links button 420 and the processor of the system executes the processes in Figs. 6 and 7.

(VI)

Grounds of Rejection to be Reviewed on Appeal

(1) Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen, and (2) whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

AUS920010875US1

Page 3 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

न र न को है है । इहिं हुन्

(VII)

Arguments

Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen

In considering a Section 102 rejection, all the elements of the claimed invention must be disclosed in a single item of prior art in the form literally defined in the claim. Jamesbury Corp. v. Litton Indus. Products, 756 F.2d 1556, 225 USPQ 253 (Fed. Cir. 1985); Atlas Powder Co. v. Dupont, 750 F.2d 1569, 224 USPQ 409 (Fed. Cir. 1984); American Hospital Supply v. Travenol Labs., 745 F.2d 1, 223 USPQ 577 (Fed. Cir. 1984).

Nielaen purporus no provide a scheme ino determine whether or not Web pages represented by links embedded in a displayed document are accessible before a user attempts to access the pages. To do so, Mielsen teaches that access to each Web page represented by an embedded link in a displayed Web document is automatically attempted as soon as the page is displayed. If there is no response within a certain period of time after an access has been attempted, then it is assumed that the Web page is inaccessible. Consequently, the appearance of the link is changed to alert the user that the Web page is inaccessible at the present time. The presumption is that an alerted user will not waste time attempting to access an inaccessible page.

But, Nielsen does not teach, show or suggest the step of highlighting links that are not easily identifiable in a displayed Web document upon user command as claimed.

AUS920010875US1

Page 4 of 17

न न स**मेरिके । समित्र र**

Appl. No. 09/998,386

-Response to Non-Compliant Appeal Brief dated 03/31/2006 - - - - Reply to Office Action of 03/06/2006

The Examiner stated that Nielsen discloses such step in the following passage: "when the user selects a particular text link anchor with mouse 44, the browsing system responds by attempting to retrieve the page pointed to by the link anchor ... all of the link anchor 202 are shown as underlined text; col. 3, lines 41 - 48" (see first paragraph on page 3 of the Office Action).

As far as Applicanus can understand, the quoted passage merely states that when a link is asserted, an attempt is made to access the Web page referred to by the link. This is generally how one accesses a Web page from an embedded link in a displayed document.

The quoted passage further states that links in a displayed web document are displayed as underlined text. This is one of the dustomary manners of displaying embedded links in a document.

Applicants do not see how the teachings in the quoted passage are going to help a user who has problems identifying links that are embedded in a displayed document from regular underlined passages in the document, for example. By contrast, the present invention allows a user to issue a command and <u>all the embedded links</u> in the document are highlighted allowing the user to distinguish the links from regular underlined passages in the document.

Hence, Applicants submit that the independent claims (i.e., Claims 1, 12, 23, 34 and 45), as well as their dependent claims, which all incorporate the step mentioned above, are not anticloated by Nielsen.

AUS920010875US1

Page 5 of 17

ł

Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

Notwithstanding the fact that the independent claims are not anticipated by Nielsen, Applicants submit that dependent Claims 9, 10, 20, 21, 31, 32, 42 and 43 are patentable over Nielsen in view of Kimmel et al.

It is well settled that in considering a Section §103 rejection, the subject matter of the claim "as a whole" must be considered and analyzed. In the analysis, it is necessary that the scope and contents of the prior art and differences between the art and the claimed invention be determined. Graham v. John Deere Co., 383 U.S. 1 (1966).

WRL's. In accordance with the teachings of Himmel et al., when a Web page containing embedded links is displayed, a user may select a plurality of these embedded links for concurrent processing. Concurrent processing in this case includes concurrently displaying pages associated with the selected links in a plurality of respective browser windows; concurrently printing pages associated with the selected links; or concurrently downloading pages associated with the selected links; or concurrently downloading pages associated with the selected links; or concurrently downloading pages associated with the selected links.

However, Himmel et al. do not teach the step of duplicating links and displaying the duplicated links in a different area as claimed by the Examiner.

Thus, even if Nielsen were to teach the steps alleged by the Examiner, combining the teachings of Nielsen with those of Himmel et al., would not teach the limitations in Claim 9, for example. Since Claims 20, 31 and 42 include

AUS920010875US1

Page 6 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

the limitations of Claim 9, Applicants submit that they, along with their dependent claims, should be allowable as well.

As the references, neither alone nor in combination, teach, show or suggest the claimed invention, Applicants submit that all the pending claims in the Application are allowable. Hence, Applicants respectfully request allowance and passage to issue of the claims in the application.

Respectfully Submitted"

Volel Emile

Attorney for Applicants Registration No. 39,969

(512) 306-7969

AUS920010875US1

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

(VIII)

Claims Appendix

1. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

displaying the Web document; and

upon user command, highlighting the links.

- 2. Canceled.
- 3. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of having the links flash.
- 4. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links in a different color.
- b. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of displaying the links using a larger font.
- 6. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links using a different font.

AUS920010875US1

Page 8 of 17

Response to Non-Compliant-Appear Brief-dated-03/31/2006 - Reply to Office Action of 03/06/2006

7. (Previously presented) The method of Claim 1 wherein highlighting the links includes the jstep of emboldening the links.

- 8. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of enlarging the font used to display the links including the links target area.
- 9. (Previously presented) The method of Claim I wherein highlighting the links includes the step of duplicating the links and displaying the duplicated links in a different area.
- 10. (Original) The method of Claim 9 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font of a larger font.
- 11. Canceled.
- 12. (Previously presented) A computer program product on a computer readable medium for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

code means for displaying the Web document; and

AUS920010875US1

Page 9 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Part 1 242

code means for highlighting the links upon user command.

रह अपने **राक्टे** के के के स्टिशा है है

- 13. Canceled.
- 14. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for having the links flash.
- 15. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links in a different color.
- 16. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links using a larger font.
- 17. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links using a different form.
- 18. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for emboldening the links.
- 19. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes

AUS920010875US1

Page 10 of 17

e # 100 1

The state of the s

Appl. No. 09/998,386

Response to Non-Compliant-Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

code means for enlarging the font used to display the links including the links' target area.

- 20. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for duplicating the links and displaying the duplicated links in a different area.
- 21. (Original) The computer program product of Claim 20 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a jarger font.
- 22. Canceled.
- 23. (Previously presented) An apparatus for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

means for displaying the Web document; and

means for highlighting the links upon user command.

- 24. Canceled.
- 25. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for having the links flash.

AUS920010875US1

Page 11 of 17

रणका व**र्षेत्रके हे बर्बे के** हर रा

Appl. No. 09/998,386

Response to Non-Compliant Appeal-Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

- 26. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links in a different color.
- 27. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a larger font.
- 28. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a different font.
- 29. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for emboldening the links.
- 30. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for enlarging the font used to display the links including the links target area.
- 31. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for duplicating the links and displaying the duplicated links in a different area.
- 32. (Original) The apparatus of Claim 31 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is

AUS920010875US1

Page 12 of 17

displayed in a different color or is displayed using a different font or a larger font.

- 33. Canceled.
- 34. (Previously presented) A computer system for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:
 - at least one memory device for storing code data; and
 - at least one processor for processing the code data for displaying the Web document and for highlighting the links upon user command.
- 35. Canceled.
- 36. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes having the links flash.
- 37. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links in a different color.
- 38. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a larger font.

AUS920010875US1

Page 13 of 17

Appl. No. 09/998,386

Response to Non-Compliant-Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

- 39. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a different font.
- 40. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes emboldening the links.
- 41. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes enlarging the font used to display the links including the links target area.
- 42. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes duplicating the links and displaying the duplicated links in a different area.
- 43. (Original) The computer system of Claim 42 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- 44. Canceled.
- 45. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

AUS920010875US1

Page 14 of 17

Response to Non-Compliant Appeal-Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

displaying the Web document in a browser, the Web document having a plurality of links displayed each in a target area;

enabling user dominand to highlight the links by asserting an icon in the browser, the icon being able to toggle on to highlight the links and to toggle off to de-highlight the links; and

enlarging the plurality of links and the target areas upon user command to highlight the plurality of the links, the user command including toggling on the igon.

AUS920010875US1

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

> (IX) <u>Evidence Appendi</u>x

None.

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 16 of 17

Response to Non-Compliant Appeal Brief dated 03/3-1/2006=

Reply to Office Action of 03/06/2006

(X)

Related Proceedings Appendix

None.

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 17 of 17

Appl. No. 09/998,386 (** * * * *

Response to Non-Compliant-Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Brown et al.

Serial No: 09/998,386

Filed: 11/15/2001

Title: APPARATUS AND METHOD : Confirmation No.: 7328 OF HIGHLIGHTING LINKS IN A :

WEB PAGE

: Before the Examiner: : Malkhanh Nguyen

: Group Art Unit: 2176

RESPONSE TO MOTICE OF NON-COMPLIANT APPEAL BRIDE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This is a Response to a Notice of Non-compliant Appeal Brief dated March 06, 2006.

AUS920010875US1

Page 1 of 17

Response-to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

BRIEF FOR APPLICANTS - APPELLANTS

(I)

Real Party in Interest

The real party in interest is International Business Machines Corporation (IBM), the assignee.

 $(\square\square)$

Related Appeals and Interferences

There are no other appeals or interferences known to appellants, appellants' representative or assignee, which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

(III)

Status of Claims

Claims 1, 3 - 10, 12, 14 - 21, 23, 25 - 32, 34, 36 - 43 and 45 have been finally rejected in an Office Action dated August 16, 2005. All the rejected claims are being appealed.

(IV)

Status of Amendment

No amendment was filled subsequent to the final rejection.

(V)

Summary of Claimed Subject Matter

The present invention, as claimed in independent Claims 1 and 45 (method claims), 12 (a computer program product claim), 23 (an apparatus claim), 34 (a computer

AUS920010875US1

Page 2 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

system claim), allows a user to make links embedded in a Web page clearly recognizable. In accordance with one embodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a command (see page 10, lines 25, to page 11, line 9 and page 11, lines 17 - 23 see also Fig. 4 (i.e., highlight links button 420) and Fig. 6).

In accordance with another embodiment of the invention, when a user is unable to clearly recognize links embedded in a Web document, the user may have the links highlighted by issuing a command. In this case, the links are highlighted by duplicating the links and displaying the duplicated links in another area (page 11, lines 24 - 27 and Fig. 6):

Note that the step-plus functions of Claims I and 45 and the means-plus functions of Claim 23 are the process steps that occur when a user asserts highlight links button 420 and the processor of the system executes the processes in Figs. 6 and 7.

(VI)

Grounds of Rejection to be Reviewed on Appeal

(1) Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen, and (2) whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

AUS920010875US1

Page 3 of 17

Response to Non-Compliant-Appeal-Brief dated 03/31/2006 - Reply to Office Action of 03/06/2006

(VII)

Arguments

Whether independent Claims 1, 12, 23, 34 and 45 were properly rejected under 102(b) as being anticipated by Nielsen

In considering a Section 102 rejection, fall the elements of the claimed invention must be disclosed in a single item of prior art in the form literally defined in the claim. Hamesbury Corp. v. Litton Indus. Products, 756 F.2d 1556, 225 USPQ 253 (Fed. Cir. 1985); Atlas Powder Co. v. Duponit, 750 F.2d 1569, 224 USPQ 409 (Fed. Cir. 1984); American Hospital Supply v. Travenol Labs., 745 F.2d 1, 223 USPQ 577 (Fed. Cir. 1984).

Miejaen purporus no provide a scheme no determine whether or not Web pages represented by links embedded in a displayed document are accessible before a user attempts to access the pages. To do so, Mielsen teaches that access to each Web page represented by an embedded link in a displayed Web document is automatically attempted as soon as the page is displayed. If there is no response within a certain period of time after an access has been attempted, then it is assumed that the Web page is inaccessible. Consequently, the appearance of the link is changed to alert the user that the Web page is inaccessible at the present time. The presumption is that an alerted user will not waste time attemption to access an inaccessible page.

But, Nielsen does not teach, show or suggest the step of highlighting links that are not easily identifiable in a displayed Web document upon user command as claimed.

AUS920010875US1

Page 4 of 17

Åppl: No. 09/998,386

-Response to Non-Compliant Appeal Brief dated 03/31/2006 -= Reply to Office Action of 03/06/2006

The Examiner stated that Nielsen discloses such step in the following passage: "when the user selects a particular text link anchor with mouse 44, the browsing system responds by attempting to retrieve the page pointed to by the link anchor ... all of the link anchor 202 are shown as underlined text; col. 3, lines 41 - 48" (see first paragraph on page 3 of the Office Action).

As far as Applicants can understand, the quoted passage merely states that when a link is asserted, an attempt is made to access the Web page referred to by the link. This is generally how one accesses a Web page from an embedded link in a displayed document.

The quoted passage further states that links in a displayed web document are displayed as underlined text. This is one of the customary manners of displaying embedded links in a document.

Applicants do not see how the teachings in the quoted passage are going to help a user who has problems identifying links that are embedded in a displayed document from regular underlined passages in the document, for example. By contrast, the present invention allows a user to issue a command and <u>all the embedded links</u> in the document are highlighted allowing the user to distinguish the links from regular underlined passages in the document.

Hence, Applicants submit that the independent claims (i.e., Claims 1, 12, 23, 34 and 45), as well as their dependent claims, which all incorporate the step mentioned above, are not anticloated by Nielsen.

AUS920010875US1

Response to Non-Compliant-Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

whether dependent Claims 9, 20, 31 and 42 were properly rejected under 103 as being unpatentable over Nielsen in view of Kimmel et al.

Notwithstanding the fact that the independent claims are not anticipated by Nielsen, Applicants submit that dependent Claims 9, 10, 20, 21, 31, 32, 42 and 43 are patentable over Nielsen in view of Kimmel et al.

To is well seculed that in considering a Section §103 rejection, the subject matter of the claim "as a whole" must be considered and analyzed. In the analysis, it is necessary that the scope and contents of the prior art and differences between the art and the claimed invention be determined. Graham v. John Deere Co., 383 U.S. 1 (1966).

Himmel es al. teach a method for parallel selection of In accordance with the teachings of Himmel et al., URL's. when a Web page containing embedded links is displayed, a user may select a plurality of these embedded links for concurrent processing. Concurrent processing in this case includes concurrently displaying pages associated with the plurality of selected links in a respective browser windows; concurrently printing pages associated with the links; OΣ concurrently selected downloading associated with the selected links.

However, Himmel et al. do not teach the step of duplicating links and displaying the duplicated links in a different area as claimed by the Examiner.

Thus, even if Nielsen were to teach the steps alleged by the Examiner, combining the teachings of Nielsen with those of Himmel et al., would not teach the limitations in Claim 9, for example. Since Claims 20, 31 and 42 include

AUS920010875US1

Page 6 of 17

Response to Non-Compliant-Appeal Brief dated 03/31/2006-

Reply to Office Action of 03/06/2006

the ilmitations of Claim 9, Applicants submit that they, along with their dependent claims, should be allowable as well.

As the references, neither alone nor in combination, teach, show or suggest the claimed invention, Applicants submit that all the pending claims in the Application are allowable. Hence, Applicants respectfully request allowance and passage to issue of the claims in the application.

Respectfully Submitted

Volel Emile

Aπorney for Applicants Registration No. 39,969

(512) 306-7969

AUS920010875US1

Response to Non-Compliant Appeal Brief dated 03/31/2006

Reply to Office Action of 03/06/2006

(MIII)

Volel Emile, Esq. 512:306 0240

Claims Appendix

1. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

displaying the Web document; and

upon user command, highlighting the links.

- 2. Canceled.:
- 3. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of having the links flash.
- 4. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links in a different color.
- b. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of displaying the links using a larger font.
- 6. (Previously presented) The method of Claim I wherein highlighting the links includes the step of displaying the links using a different font.

AUS920010875US1

Page 8 of 17

Appl: No: 09/998,386

Response-to-Non-Compliant Appeal-Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

- 7. (Previously presented) The method of claim I wherein highlighting the links includes the step of emboldening the links.
- 8. (Previously presented) The method of Claim 1 wherein highlighting the links includes the step of enlarging the font used to display the links including the links target area.
- 9. (Previously presented) The method of Claim I wherein highlighting the links includes the step of duplicating the links and displaying the duplicated links in a different area.
- 10. (Original) The method of Claim 9 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- II. Canceled.
- 12. (Previously presented) A computer program product on a computer readable medium for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

code means for displaying the Web document; and

AUS920010875US1

Page 9 of 17

- Response to Non-Compliant-Appent-Brief-dated 03/31/2006 -- -

Reply to Office Action of 03/06/2006

code means for highlighting the links upon user command.

13. Canceled.

ļ

- 14. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for having the links flash.
- 15. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links in a different color.
- 16. (Previously presented) The computer program broduct of Claim 12 wherein the highlighting code means includes code means for displaying the links using a larger font.
- 17. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for displaying the links using a different font.
- 18. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for emboldening the links.
- 19. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes

AUS920010875US1

Page 10 of 17

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

code means for enlarging the font used to display the links including the links' target area.

- 20. (Previously presented) The computer program product of Claim 12 wherein the highlighting code means includes code means for duplicating the links and displaying the duplicated links in a different area.
- 21. (Original) The compiter program product of Claim 20 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- 22. Canceled.
- 23. (Previously presented) An apparatus for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:

means for displaying the Web document; and means for highlighting the links upon user command.

- 24. Canceled.
- 25. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for having the links flash.

AUS920010875US1

Page 11 of 17

Appl. No. 09/998,386: 🏥 🗀 =

Response to Non-Complaint Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

- 26. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links in a different color.
- 27. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a larger font.
- 28. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for displaying the links using a different font.
- 29. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for emboldening the links.
- 30. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for enlarging the font used to display the links including the links target area.
- 31. (Original) The apparatus of Claim 23 wherein the highlighting means includes means for duplicating the links and displaying the duplicated links in a different area.
- 32. (Original) The apparatus of Claim 31 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is

AUS920010875US1

Page 12 of 17

- Response to Non-Compliant-Appeal-Brief dated 03/31/2006 ---

Reply to Office Action of 03/06/2006

displayed in a different color or is displayed using a different font or a larger font.

- 33. Canceled.
- 34. (Previously presented) A computer system for making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising:
 - at least one memory device for storing code data; and at least one processor for processing the code data for displaying the Web document and for highlighting the links upon user command.
- 35. Canceled.
- 36. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes having the links flash.
- 37. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links in a different color.
- 38. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a larger font.

AUS920010875US1

Page 13 of 17

²Appl. No. 09/998,386

Response to Non-Compliant Appeal Brief dated 03/31/2006=
Reply to Office Action of 03/06/2006

- 39. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes displaying the links using a different font.
- 40. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes emboldening the links.
- 41. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes enlarging the font used to display the links including the links target area.
- 42. (Previously presented) The computer system of Claim 34 wherein highlighting the links includes duplicating the links and displaying the duplicated links in a different area.
- 43. (Original) The computer system of Claim 42 wherein when a duplicated link is selected, its corresponding link in the Web document flashes or is emboldened or is displayed in a different color or is displayed using a different font or a larger font.
- 44. Canceled.
- 45. (Previously presented) A method of making links that are not easily identified in a displayed Web document by a user to be clearly recognizable comprising the steps of:

AUS920010875US1

Page 14 of 17

Appl. No. 09/998,386 -

Response to Non-Compliant-Appear Brief dated 03/3-1/2006 Reply to Office Action of 03/06/2006

displaying the Web document in a browser, the Web document having a plurality of links displayed each in a target area;

enabling user dominand to highlight the links by asserting an icon in the browser, the icon being able to toggle on to highlight the links and to toggle off to de-highlight the links; and

enlarging the plurality of links and the target areas upon user command to highlight the plurality of the links, the user command including toggling on the icon.

AUS920010875US1

Response to Non-Compliant Appeal Brief dated 03/31/2006 Reply to Office Action of 03/06/2006

(IX) <u>Evidence Appendix</u>

None.

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 16 of 17

Response to Non-Compliant Appeal Brief duted 03/31/2006-

Reply to Office Action of 03/06/2006

(X)

Related Proceedings Appendi:

None.

THIS PAGE BLANK (USPTO)

AUS920010875US1

Page 17 of 17

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
FADED TEXT OR DRAWING
☑ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER.

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.